

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004502

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> H04B7/26, H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> H04B7/24-7/26, H04Q7/00-7/38, H04J13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004

Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2000-217139 A (Hitachi, Ltd.), Page 8, left column, line 19 to page 9, left column, line 9; Figs. 5, 6 04 August, 2000 (04.08.00), & US 6628631 B1	1-4, 6-9 5, 10
Y	JP 2003-134550 A (Fujitsu Ltd.), Page 8, left column, line 48 to right column, line 7; page 10, right column, line 31 to page 11, left column, line 9 09 May, 2003 (09.05.03), & EP 1284583 A2 & CN 1407822 A & US 2003/0083069 A1 & KR 2003015859 A	5, 10
A	3GPP TR 25. 925 version 3. 4. 0 Full text, 27 March, 2001 (27.03.01)	1-10

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

08 June, 2004 (08.06.04)

Date of mailing of the international search report

22 June, 2004 (22.06.04)

Name and mailing address of the ISA/  
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INTERNATIONAL SEARCH REPORT

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PCT/JP2004/004502

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-335557 A (Sony Corp.), 22 November, 2002 (22.11.02) Full text; Figs. 1 to 27 (Family: none)	1-10
A	JP 2004-23668 A (NEC Corp.), 22 January, 2004 (22.01.04), Full text; Figs. 1 to 10 & DE 10327552 A1	1-10